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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/348,891	07/06/1999	ANTONIUS A.C.M. KALKER	PHN-17.025	5906

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EXAMINER

TRAN, THAI Q

ART UNIT	PAPER NUMBER
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2615

DATE MAILED: 05/07/2003

12

Please find below and/or attached an Office communication concerning this application or proceeding.

39

Advisory Action

Application No.

09/348,891

Applicant(s)

KALKER ET AL. 

Examiner

Thai Tran

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--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 24 February 2003 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection. **ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).**

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. ☐ A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. ☐ The proposed amendment(s) will not be entered because:
- (a) ☐ they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) ☐ they raise the issue of new matter (see Note below);
 - (c) ☐ they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) ☐ they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____.

3. ☐ Applicant's reply has overcome the following rejection(s): _____.
4. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. ☒ The a) ☐ affidavit, b) ☐ exhibit, or c) ☒ request for reconsideration has been considered but does NOT place the application in condition for allowance because: see attachment.
6. ☐ The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. ☐ For purposes of Appeal, the proposed amendment(s) a) ☐ will not be entered or b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____.

Claim(s) objected to: _____.

Claim(s) rejected: 1-6.

Claim(s) withdrawn from consideration: _____.

8. ☐ The proposed drawing correction filed on _____ is a) ☐ approved or b) ☐ disapproved by the Examiner.
9. ☐ Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). _____.
10. ☐ Other: _____

Response to Arguments

1. Applicant's arguments filed Feb. 24, 2003 have been fully considered but they are not persuasive.

In re pages 1-4, applicants argue that it should be clear that the subject invention detects watermarks in the spatial domain. In particular, claim 1 states "A method of detecting a watermark in a compressed video signal comprising spectral coefficients obtained by transforming pictures of said video signal". As such, the accumulation is being performed in the transform domain (DCT being a particular form of transforming a spatial signal). However, claim 1 further recites "inverse transforming said accumulated coefficients into an accumulated plurality of pictures". Applicants submit that one skilled in the art would know that when a compressed video signal in a transform domain is subjected to inverse transformation, the resulting signal should be in the spatial domain. Accordingly, Cox et al does not detect the watermark in the spatial domain.

In response, the examiner respectfully disagrees. First at all, it is noted that the MPEG as shown in Fig. 2 of Cox et al has two domains, spatial domain and DCT domain. It is noted that the MPEG of Cox et al comprising spectral coefficients obtained by transforming pictures of said video signal as recited in the preamble of claim 1.

Secondly, the limitation "**inverse transforming** said accumulated coefficients into an accumulated plurality of pictures" recited in claim 1 can be **inverse transforming from DC T domain to spatial domain** or can be **inverse transforming from spatial domain to DCT domain**. Accordingly, one skilled in the art **would not known** from the limitation "**inverse transforming** said accumulated coefficients into an

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accumulated plurality of pictures" recited in claim 1 that the detecting watermarks in the spatial domain **because MPEG of Cox et al has two domains, DCT domain and spatial domain.**

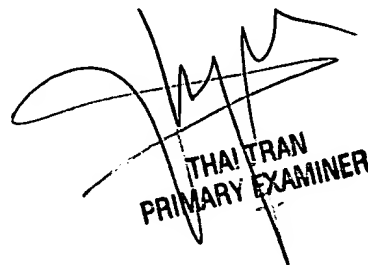
Finally, the claimed "inverse transforming said accumulated coefficients into an accumulated plurality of pictures" is anticipated by step 112 of Fig. 10 of Cox et al.

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thai Tran whose telephone number is (703) 305-4725. The examiner can normally be reached on Mon. to Friday, 8:00 AM to 5:30 PM.

The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9314 for regular communications and (703) 872-9314 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

TTQ
May 5, 2003


THAI TRAN
PRIMARY EXAMINER